

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081119\
 Data File : VX011443.D
 Acq On : 11 Aug 2019 19:45
 Operator : JC/SP
 Sample : K4292-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RO-COMP-WS

Quant Time: Aug 12 09:37:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

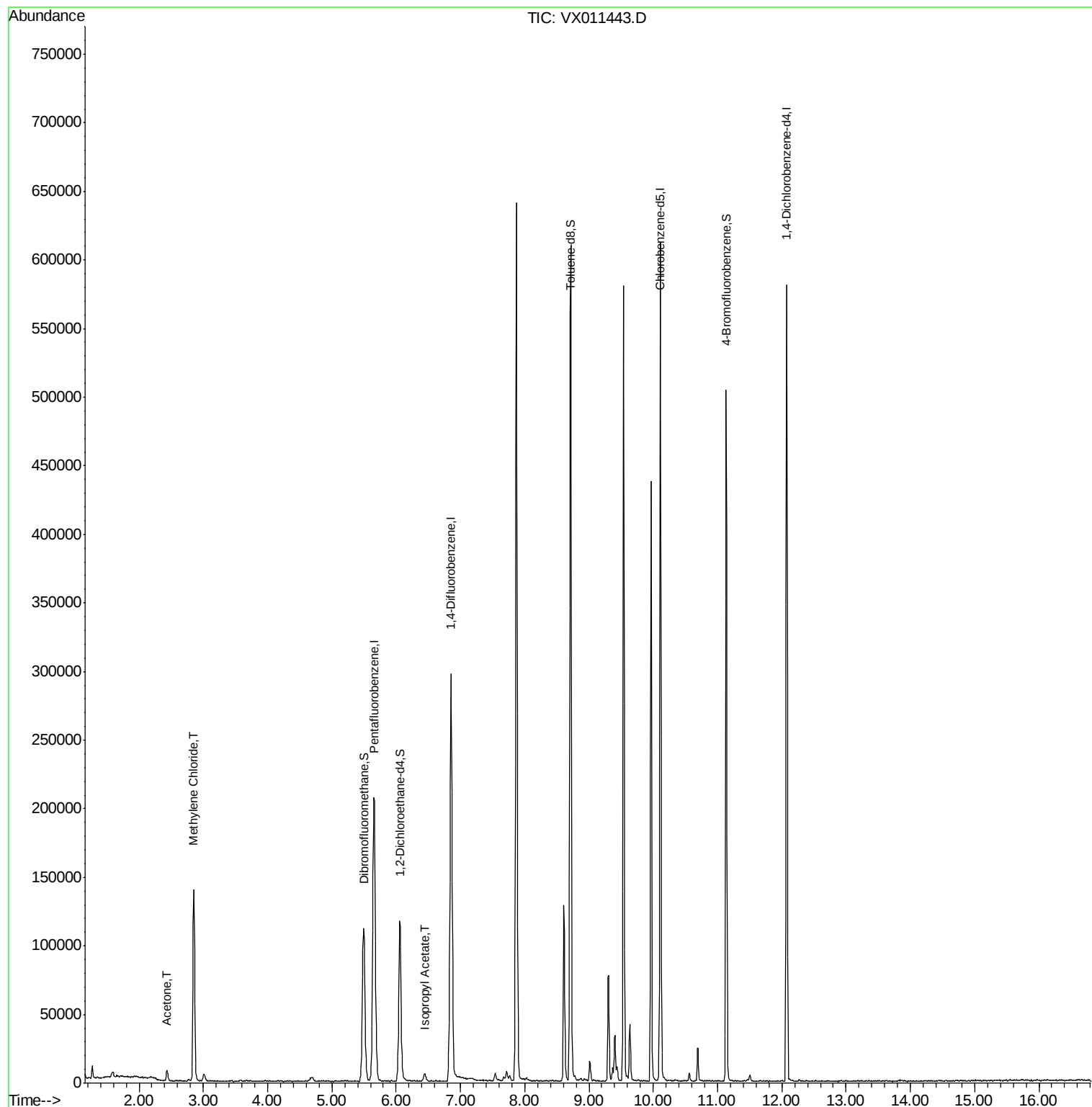
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	204784	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	301138	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	278825	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	122161	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	109954	53.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.64%	
35) Dibromofluoromethane	5.49	113	93242	47.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.86%	
50) Toluene-d8	8.71	98	363020	48.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.84%	
62) 4-Bromofluorobenzene	11.13	95	118442	44.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.40%	
Target Compounds						
16) Acetone	2.43	43	8618	8.779	ug/l	98
20) Methylene Chloride	2.85	84	66286	30.834	ug/l	96
43) Isopropyl Acetate	6.45	43	8219	1.949	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011443.D

Acq: 11 Aug 2019 19:45

Instrument :

MSVOA_X

ClientSampleId :

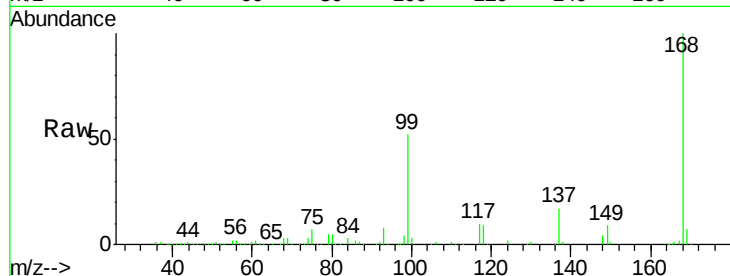
RO-COMP-WS

Tot Ion:168 Resp: 204784

Ion Ratio Lower Upper

168 100

99 52.2 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

80000

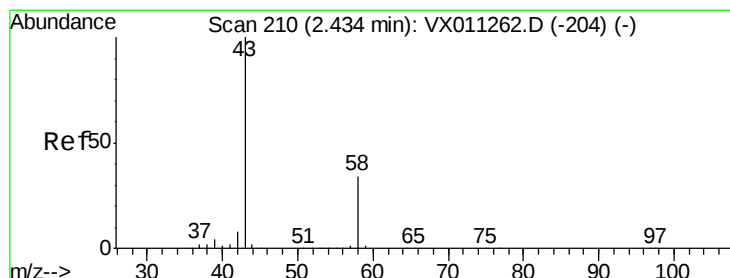
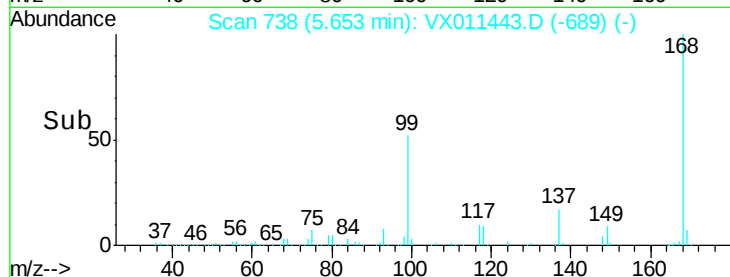
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 8.779 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011443.D

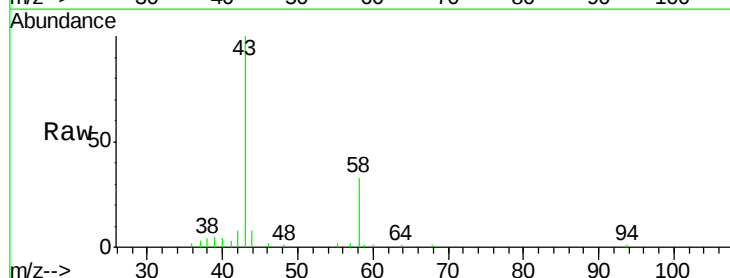
Acq: 11 Aug 2019 19:45

Tgt Ion: 43 Resp: 8618

Ion Ratio Lower Upper

43 100

58 33.1 27.4 41.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

6000

5000

4000

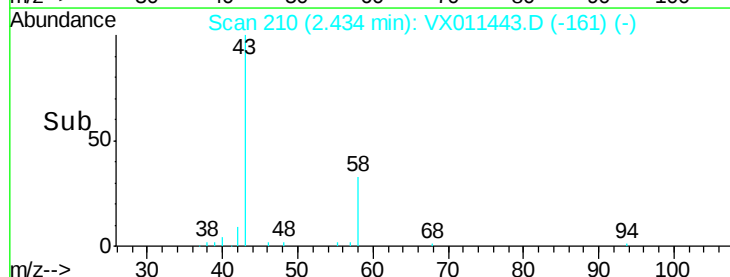
3000

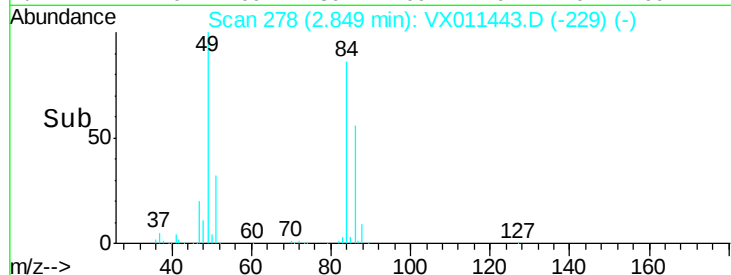
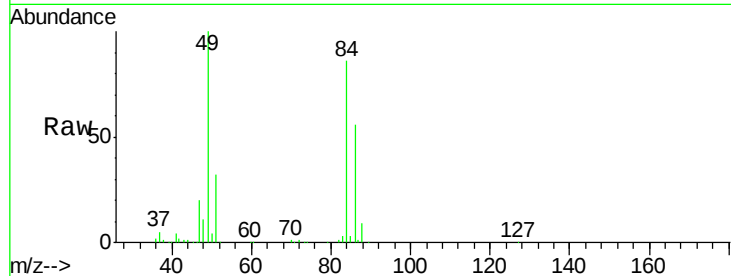
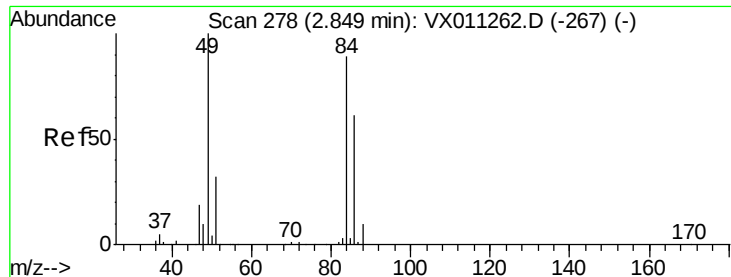
2000

1000

0

Time--> 2.35 2.40 2.45 2.50 2.55

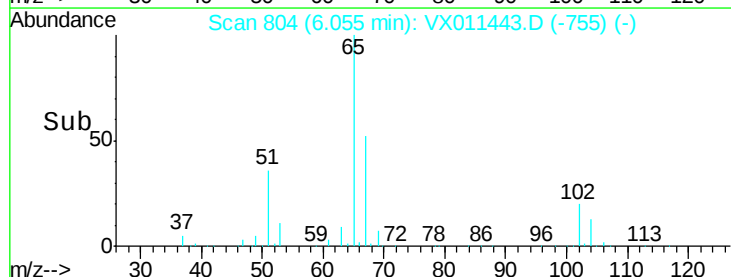
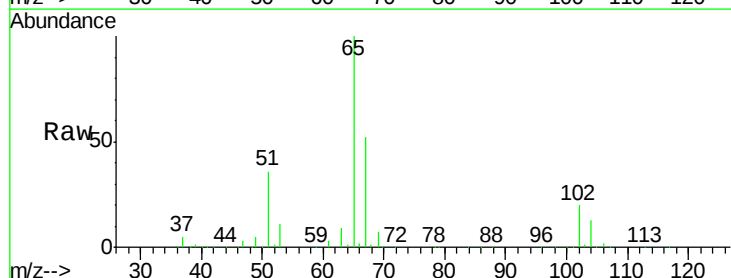
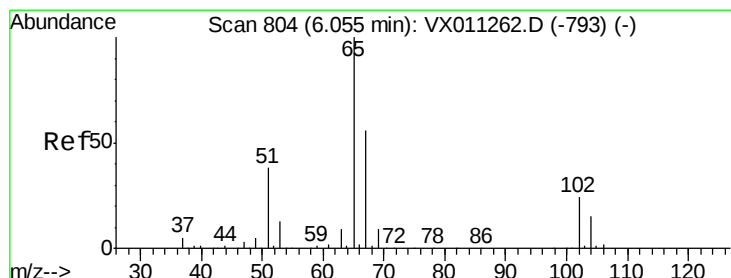
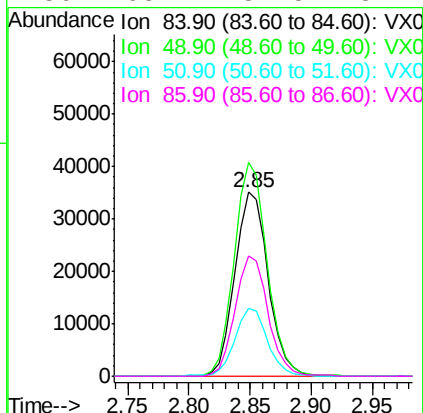




#20
Methylene Chloride
Concen: 30.834 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011443.D
Acq: 11 Aug 2019 19:45

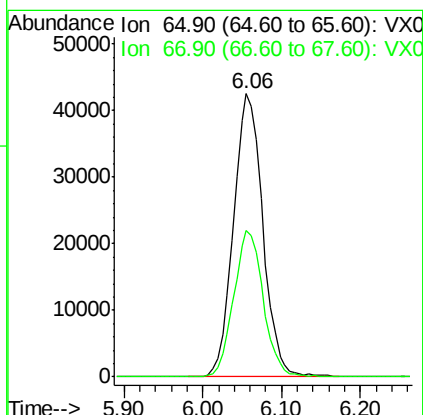
Instrument :
MSVOA_X
ClientSampleId :
RO-COMP-WS

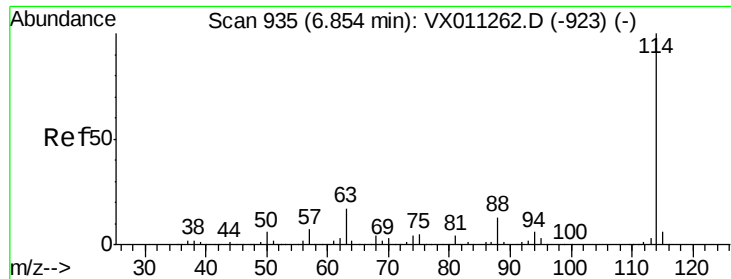
Tot Ion: 84 Resp: 66286
Ion Ratio Lower Upper
84 100
49 115.9 89.3 133.9
51 36.9 28.3 42.5
86 65.4 54.5 81.7



#33
1,2-Dichloroethane-d4
Concen: 53.317 ug/l
RT: 6.06 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX011443.D
Acq: 11 Aug 2019 19:45

Tgt Ion: 65 Resp: 109954
Ion Ratio Lower Upper
65 100
67 52.0 0.0 110.6

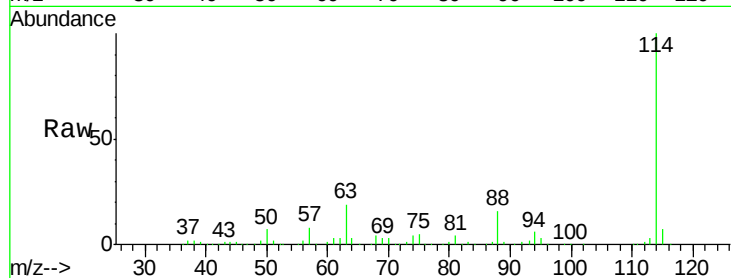




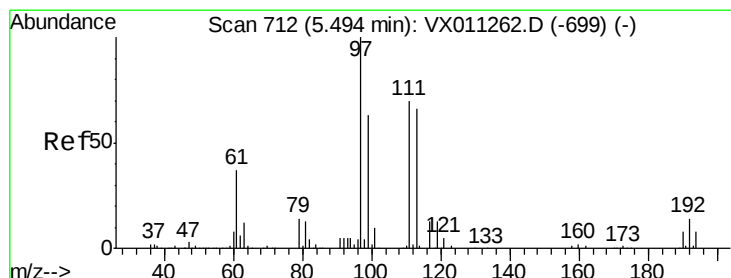
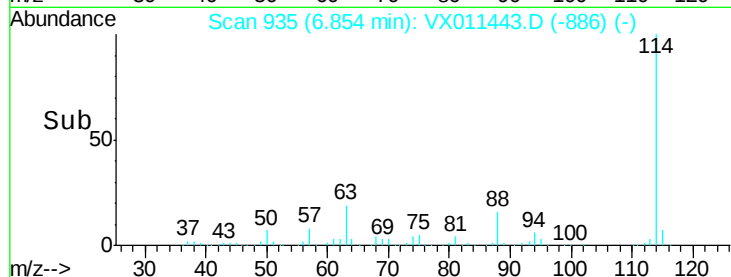
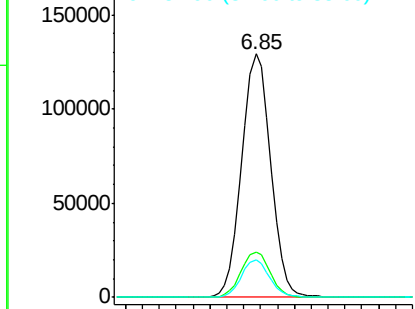
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011443.D
 Acq: 11 Aug 2019 19:45

Instrument :
 MSVOA_X
 ClientSampleId :
 RO-COMP-WS

Tot Ion:114 Resp: 301138
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 34.0
 88 15.6 0.0 26.4

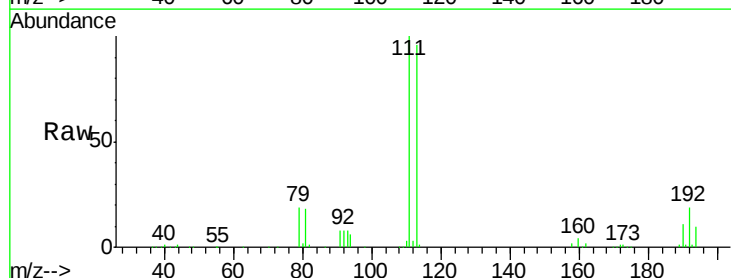


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

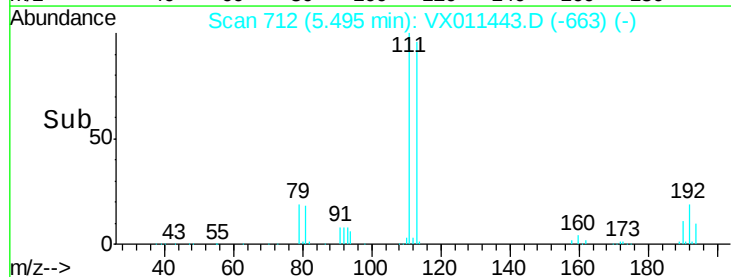
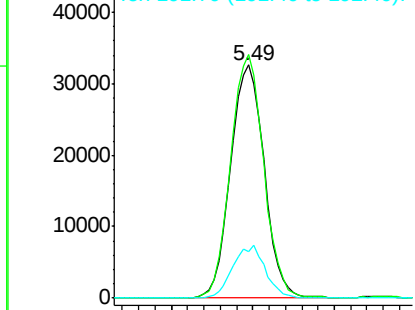


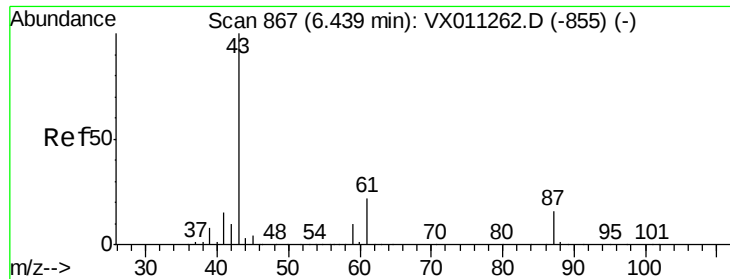
#35
 Dibromofluoromethane
 Concen: 47.426 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX011443.D
 Acq: 11 Aug 2019 19:45

Tgt Ion:113 Resp: 93242
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.9 122.9
 192 21.8 17.8 26.8



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.949 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.01 min

Lab File: VX011443.D

Acq: 11 Aug 2019 19:45

Instrument :

MSVOA_X

ClientSampleId :

RO-COMP-WS

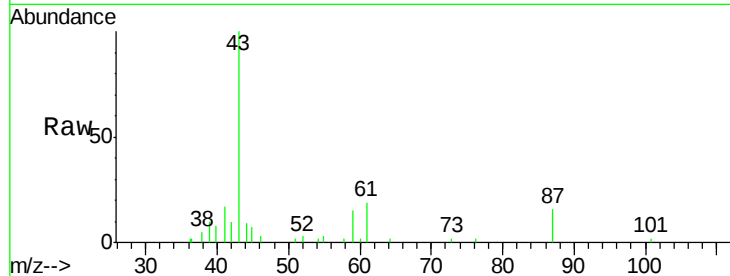
Tot Ion: 43 Resp: 8219

Ion Ratio Lower Upper

43 100

61 21.4 16.5 24.7

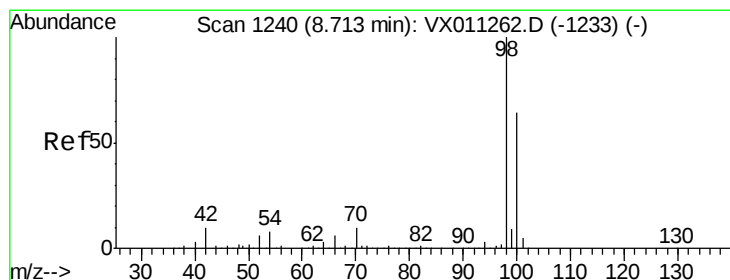
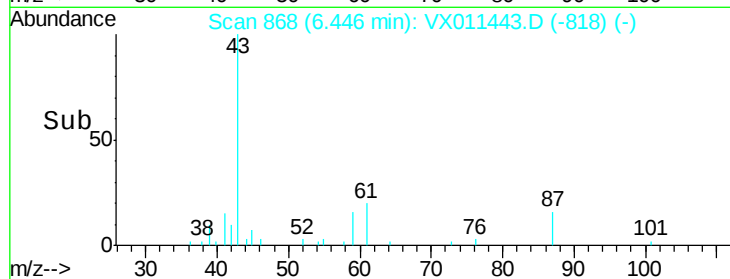
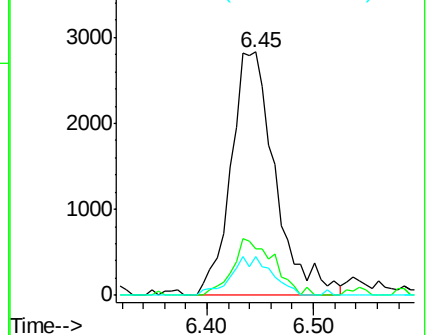
87 14.6 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 48.916 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011443.D

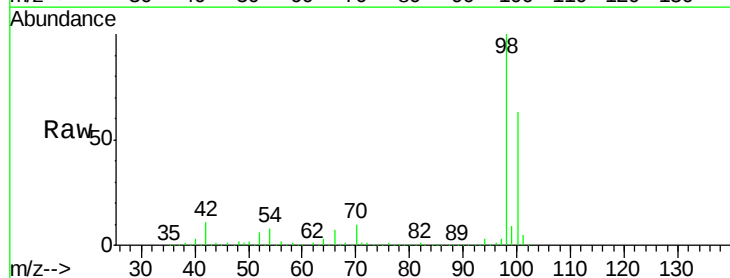
Acq: 11 Aug 2019 19:45

Tgt Ion: 98 Resp: 363020

Ion Ratio Lower Upper

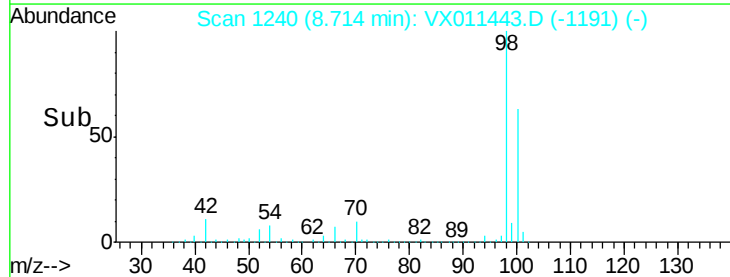
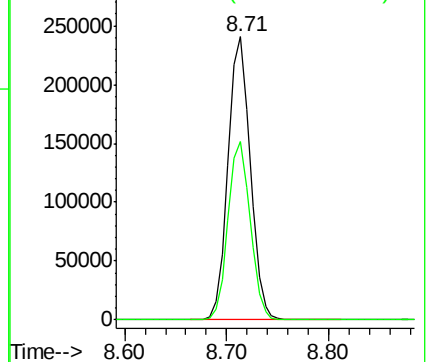
98 100

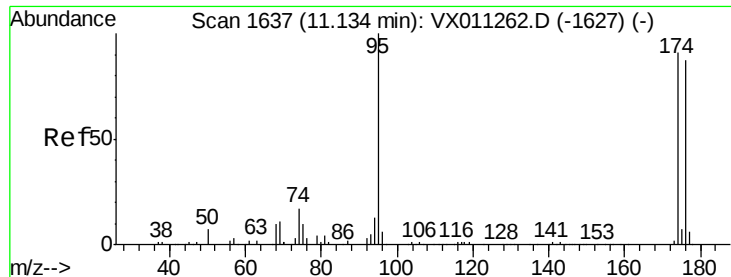
100 63.1 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 44.702 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011443.D

Acq: 11 Aug 2019 19:45

Instrument :

MSVOA_X

ClientSampled :

RO-COMP-WS

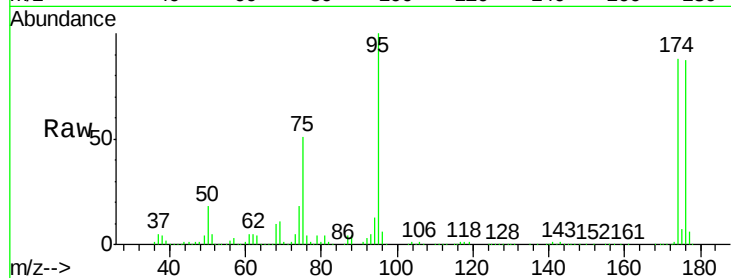
Tot Ion: 95 Resp: 118442

Ion Ratio Lower Upper

95 100

174 91.9 0.0 191.2

176 87.8 0.0 184.8

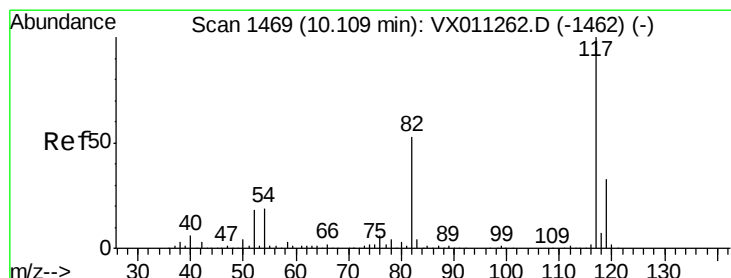
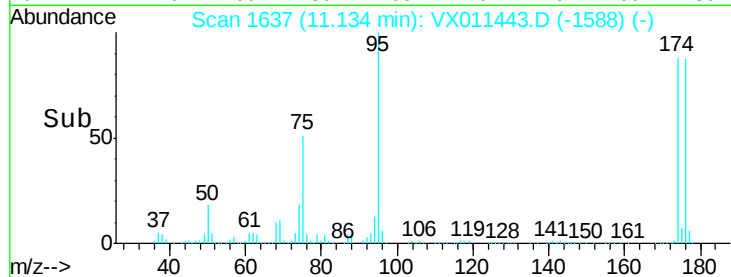


Abundance Ion 94.90 (94.60 to 95.60): VX011262.D (-1627) (-)

Ion 173.80 (173.50 to 174.50): VX011262.D (-1627) (-)

Ion 175.80 (175.50 to 176.50): VX011262.D (-1627) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX011443.D

Acq: 11 Aug 2019 19:45

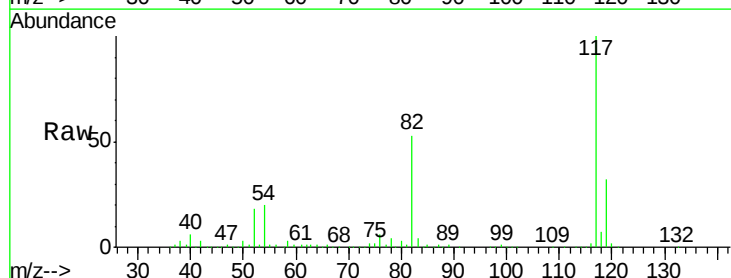
Tgt Ion: 117 Resp: 278825

Ion Ratio Lower Upper

117 100

82 52.6 42.2 63.2

119 32.0 26.6 39.8

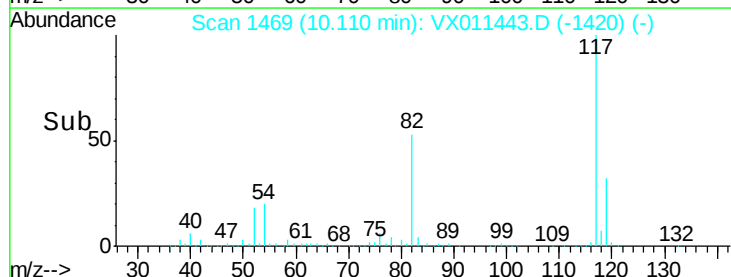


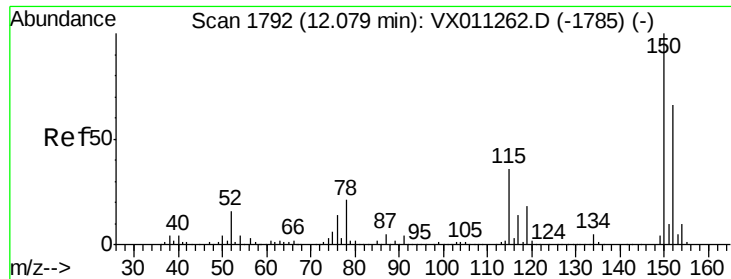
Abundance Ion 116.90 (116.60 to 117.60): VX011262.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX011262.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX011262.D (-1462) (-)

Time-->





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX011443.D
 Acq: 11 Aug 2019 19:45

Instrument :
 MSVOA_X
 ClientSampleId :
 RO-COMP-WS

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.0	40.0	119.9
150	159.2	0.0	350.4

